

Auburn University Southern Forest Nursery Management Cooperative Seedling Evaluation Report

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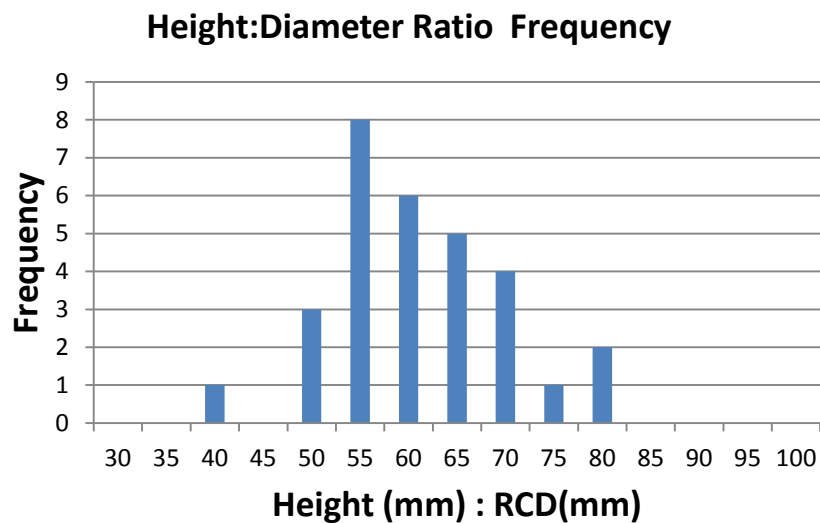
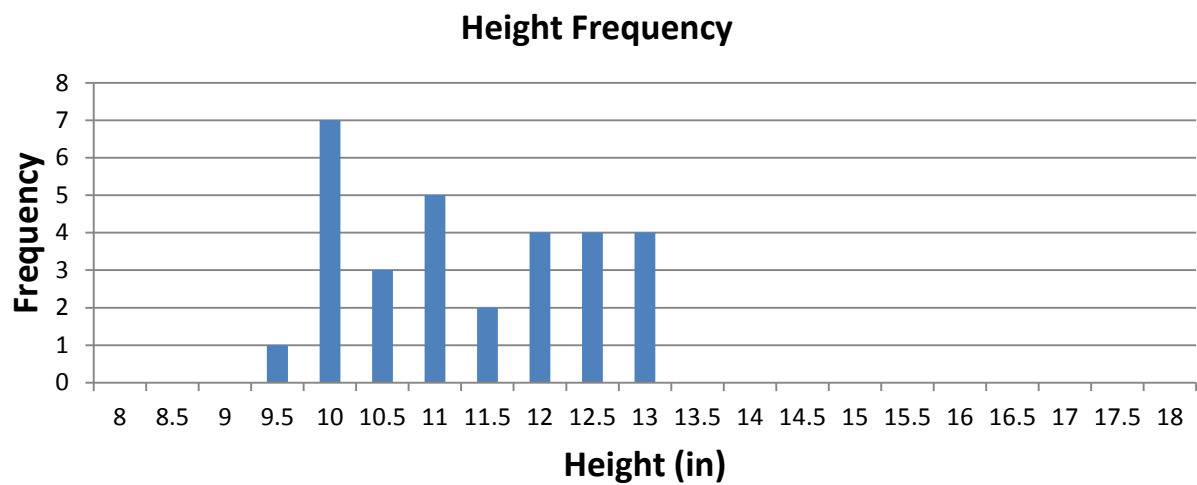
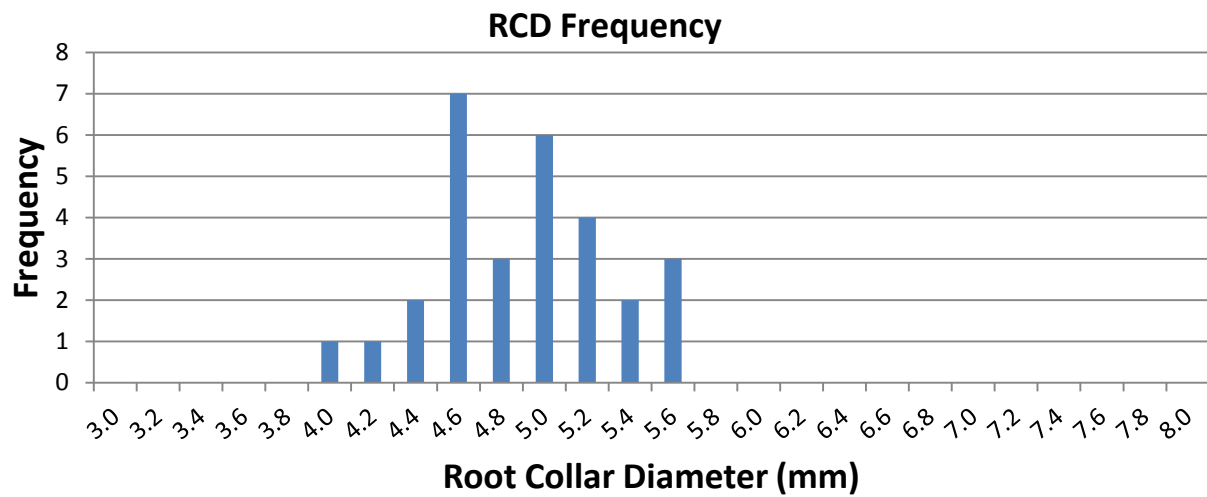
GXN54A

Company:	BT Nursery	
Contact:	Tom Starkey	Scott Enebak
Nursery/State:	Auburn Nursery	
Species:	Loblolly	
Stock:	Bareroot	Tom.starkey@auburn.edu
Source:	Coastal	
Genotype:	2nd	
Hand or Machine Lifted:	hand	

Measure of Central Tendency	
Average Height (in)	11.05
Average RCD (mm)	4.91
Median Height (in)	11.00
Median RCD (mm)	4.82

Measure of Spread (Dispersion)			
95% Confidence Interval for RCD (mm)	4.91	±	0.26
98% Confidence Internval for RCD (mm)	4.91	±	0.31
Standard Deviation of Height (in)			1.08
Standard Deviation of RCD (mm)			0.74
Coefficient of Variation of Height (in)			10%
Coefficient of Variation of RCD (mm)			15%
Range (maximum - minimum) of Height (in)			3.20
Range (maximum - minimum) of RCD (mm)			4.20

Ratio	
Root Weight Ratio	20.0%
Height:Diameter Ratio (mm/mm)	58
Top Dry Weight (g) (indiv)	3.443
Root Dry Weight (g) (indiv)	0.861



H:D is a ratio of sturdiness

Height (mm):RCD (mm)

A high ratio = "spindly"

A low ratio = "stouter"

Example

RCD (mm)	Ht (in)	H:D Ratio
4.5	10	56
5	10	51
4.5	12	68
5	12	61
4.5	14	79
5	14	71